**Index of Claims** 

| Applicati | on/Control | No. |
|-----------|------------|-----|

Applicant(s)/Patent under Reexamination

10/708,700 Examiner

YEH, EN-HSIANG Art Unit

DINH T. LE

2816

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

| Cla   | im   | Date     |              |              |  |          |          |          |          |                      |
|-------|--|----------|--------------|--------------|--|----------|----------|----------|----------|----------------------|
| Final | Original                                     | 9/13/05  |              |              |  |          |          |          |          |                      |
|       | 1  | =        |              | _            |  |          |          |          | _        |                      |
|       | 1<br>2<br>3<br>4<br>5<br>6                   | =        | _            |              |  |          |          | _        | $\vdash$ |                      |
|       | 3  | =        |              |              |  |          |          |          |          |                      |
|       | 4  | =        |              |              |  |          |          |          |          |                      |
|       | 5  | =        |              |              |  |          |          |          |          |                      |
| 1     | 6  | =        |              |              |  |          |          |          |          |                      |
|       | 7  | =        |              |              |  |          |          |          |          |                      |
|       | 8  | Ξ        |              |              | <u> </u>   |          |          | _        |          |                      |
|       | 9  | =        |              | _            |  | L        | _        | _        | _        |                      |
|       | 10<br>11                                     | =        | <u> </u>     | _            | <u> </u>   | L        |          | _        |          |                      |
|       | 11   | =        | L            |              | <u> </u>   | _        |          | <u> </u> | $\vdash$ | Н                    |
|       | 12<br>13<br>14<br>15<br>16                   | =        | <u> </u>     | _            | $\vdash$   | <u> </u> | <b>-</b> | <u> </u> | H        | Н                    |
|       | 13   | =        | ⊢            |              | -  | <u> </u> | -        | -        | ⊢        | Н                    |
|       | 15   | =        | <u> </u>     | -            | ┝  | -        |          | -        |          |                      |
|       | 16   | =        | -            |              | ├─   |          |          | $\vdash$ | -        | $\vdash$             |
|       | 17   | =        | -            | -            | -  | -        |          | -        | -        |                      |
|       | 17<br>18                                     | =        | <del> </del> | -            | -  |          |          | $\vdash$ | $\vdash$ | H                    |
|       | 19   | =        | ┢            | <del> </del> | -  |          | -        | $\vdash$ | $\vdash$ | Н                    |
|       | 20   | =        |              | -            | $\vdash$   |          | _        | $\vdash$ |          |                      |
|       | 19<br>20<br>21<br>22                         | =        |              |              |  |          |          | H        |          |                      |
|       | 22   | =        |              |              | $\vdash$   |          |          |          | _        |                      |
|       | 23   | =        |              |              |  |          |          |          |          | П                    |
|       | 24   | =        |              |              |  |          |          |          |          |                      |
|       | 25   | =        |              |              |  |          |          |          |          |                      |
|       | 26   | =        |              |              |  |          |          |          |          |                      |
|       | 27   | =        |              |              |  |          |          |          |          |                      |
|       | 23<br>24<br>25<br>26<br>27<br>28<br>29<br>30 | =        | _            | _            | <u> </u>   |          |          |          | <u>L</u> |                      |
|       | 29   | =        |              |              | <u> </u>   |          |          | _        | <u> </u> | Ш                    |
|       | 30   | =        |              |              | <u> </u>   | <u> </u> |          | <u> </u> | <u> </u> | Ш                    |
|       | 31<br>32                                     | =        | _            |              | <u> </u>   | <u> </u> |          | <u> </u> | _        | Н                    |
|       | 32   | 트        | <u> </u>     |              | ⊢  |          | <u> </u> | ┝        | <u> </u> | $\vdash$             |
|       | 33<br>34                                     | =        | $\vdash$     | _            | $\vdash$   | $\vdash$ | $\vdash$ | -        |          | $\vdash\vdash\vdash$ |
|       | 35   | ౼        | $\vdash$     | —            | $\vdash$   | -        | ⊢        | -        | ├-       | Н                    |
|       | 36   | =        | $\vdash$     |              | -  | ┢╾       | $\vdash$ | Η-       | $\vdash$ | Н                    |
|       | 37   | Ē        | -            | -            | 1  | -        | H        | $\vdash$ | $\vdash$ | Н                    |
|       | 38   | =        | $\vdash$     | $\vdash$     |  | Н        | <u> </u> | $\vdash$ |          | Н                    |
|       | 39   | <b>!</b> | <u> </u>     | -            |  | H        | H        |          | <u> </u> | H                    |
|       | 40   |          | T            |              |  | Г        | Г        |          |          | П                    |
|       | 41   |          | Г            | Г            |  |          | T        | Γ        | Π        | П                    |
|       | 42   |          |              |              |  |          |          |          |          |                      |
|       | 43   |          |              |              |  | L        |          |          |          |                      |
|       | 44   |          |              |              |  |          |          |          |          |                      |
|       | 45   |          |              |              |  |          |          |          |          |                      |
|       | 46   | <u> </u> | Ŀ            |              | <u> </u>   | $\Box$   | Ш        |          |          | Щ                    |
|       | 47   | <u> </u> | _            |              | <u> </u>   | <u> </u> |          |          | _        | Ш                    |
| _     | 48   | Щ        |              |              | Щ  | <u> </u> |          |          | <u> </u> | $\sqcup$             |
|       | 49   | $\vdash$ | <u> </u>     |              | $\vdash$   | <u> </u> | <u> </u> |          | <u> </u> | Ш                    |
|       | 50   |          | L            |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | <u> </u> | Ш        | <u> </u> | L        | Ш                    |

| Cla         | aim  |              |                |              | (        | Date     | •            |          |  |              |
|-------------|--|--------------|----------------|--------------|----------|----------|--------------|----------|--|--------------|
|             |  |              |                |              |          |          |              |          |  |              |
| Final       | Original                                     |              |                |              |          |          |              |          |  |              |
| 声           | in   |              |                |              |          |          |              |          |  |              |
|             | 0  |              |                |              |          |          |              |          |  |              |
|             | 51   |              |                |              |          |          |              |          |  |              |
|             | 52   |              |                |              |          |          |              |          |  |              |
|             | 53   |              |                |              | _        |          |              |          |  |              |
|             | 52<br>53<br>54<br>55                         |              |                |              |          |          |              |          |  |              |
|             | 55   |              |                |              |          |          |              |          |  |              |
|             | 56<br>57                                     |              |                |              |          |          |              |          |  |              |
|             | 57   |              |                |              |          |          |              |          |  |              |
|             | 58   |              |                |              |          |          |              | Ш        |  |              |
|             | 59<br>60                                     |              |                |              |          |          | L            |          |  |              |
|             | 60   |              |                |              |          |          | L            |          | L  |              |
|             | 61   |              |                |              |          | L        |              |          |  |              |
|             | 62   | L            |                |              |          | L.       |              |          |  |              |
|             | 63   |              |                |              |          |          | L            | _        | L  |              |
|             | 62<br>63<br>64<br>65                         | L            |                |              |          | L        | L_           |          |  | L.,          |
|             | 65   |              |                |              |          |          | $oxed{oxed}$ | Ш        |  | L            |
|             | 66   |              | L              |              | Ш        |          |              |          |  |              |
|             | 67   |              |                |              |          |          |              |          |  |              |
|             | 67<br>68                                     |              |                |              |          |          |              |          |  |              |
|             | l 69   |              | L              |              |          |          |              |          |  |              |
|             | 70   |              |                | L.           |          |          |              | L        |  |              |
|             | 71   |              |                |              |          |          |              | L        |  |              |
|             | 72   |              |                |              |          |          |              | L        |  |              |
|             | 73   |              |                |              |          |          |              |          |  |              |
|             | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 | _            |                |              |          |          |              | Ш        |  |              |
|             | 75   |              |                |              |          |          |              |          |  | L.,          |
|             | 76   |              |                |              |          |          | _            |          |  |              |
|             | 77   |              | _              |              |          | _        | _            | _        |  |              |
|             | 78<br>79                                     |              | _              |              |          | _        |              | _        | _  |              |
|             | 79   | $\vdash$     |                |              |          |          | <u> </u>     | <u> </u> | <u> </u>   |              |
|             | 80   |              | _              |              | _        |          | _            | <u> </u> | <u> </u>   | ļ            |
|             | 81<br>82<br>83                               |              |                | <u> </u>     |          |          | <u> </u>     | _        |  | _            |
|             | 82   |              |                | <u> </u>     |          | _        | ļ            | <u> </u> | _  | <u> </u>     |
| <u> </u>    | 83   | _            | _              | <u> </u>     |          | ㄴ        | ├            | <b> </b> | <u> </u>   | <u> </u>     |
|             | 84<br>85                                     | H            | <u> </u>       | <u> </u>     | Ц.       | <u> </u> | ├            | <u> </u> | ├  | <u> </u>     |
| <u> </u>    | 85   | <u> </u>     | -              | <u> </u>     | $\vdash$ | <u> </u> | ⊢            | <u> </u> | ├  | ├            |
| <u> </u>    | 86<br>87                                     | $\vdash$     | <u> </u>       | $\vdash$     | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$ | -  | ├-           |
| -           | 88   | -            | <del> </del> — | $\vdash$     | $\vdash$ | $\vdash$ | ├—           | ⊢        | -  | <del> </del> |
|             | 00   | -            |                | <u> </u>     | $\vdash$ | <u> </u> | ├—           | _        | <u> </u>   | <del> </del> |
| <u> </u>    | 89<br>90                                     | -            |                | -            |          |          | ├            | ├        | $\vdash$   | $\vdash$     |
| <del></del> |  | <del> </del> | ┝              | -            | ├        | <u> </u> | <del> </del> | ├        | <del>                                     </del> | $\vdash$     |
| -           | 91<br>92                                     | <del> </del> | <del> </del>   | ├-           | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ |  | $\vdash$     |
| -           | 93   |              | -              | $\vdash$     | $\vdash$ | $\vdash$ | ├—           | $\vdash$ | -  | $\vdash$     |
| -           | 94   | -            | $\vdash$       | <del> </del> | -        | -        | ├─           | $\vdash$ | -  | -            |
| -           | 95   | -            |                | -            |          | ⊢        | ├─           |          | -  |              |
|             | 96   | -            | _              | ├-           |          | -        | ├            | ├        | $\vdash$   | ┝            |
| -           | 97   |              |                | $\vdash$     | $\vdash$ | -        | $\vdash$     | $\vdash$ | $\vdash$   | ├─           |
|             | 98   | $\vdash$     | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | -  | ├-           |
| $\vdash$    | 99   | $\vdash$     | <del> </del>   | ┢            | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | -  | $\vdash$     |
| <b>—</b>    | 100  | $\vdash$     |                | $\vdash$     | -        | $\vdash$ | <del> </del> | ┢─       | $\vdash$   | $\vdash$     |
|             |  |              | Ц              |              |          |          |              |          | 1  | 1            |

| Cl    | aim               | Date     |          |          |          |          |  |          |          |                |
|-------|-------------------|----------|----------|----------|----------|----------|--|----------|----------|----------------|
| - Cla |                   | $\vdash$ |          |          |          | Jak      | <u>,                                    </u> |          |          | $\dashv$       |
| Final | Original          |          |          |          |          |          |  |          |          |                |
|       | 101               |          |          |          |          |          |  |          |          |                |
|       | 102<br>103        |          |          |          |          |          |  |          |          |                |
|       | 103               |          |          |          |          |          |  |          |          |                |
|       | 104               |          |          |          |          |          |  |          |          | Ц              |
|       | 105               |          |          |          |          |          |  |          |          | Щ              |
|       | 106<br>107        |          |          | Ш        | _        |          |  |          |          |                |
|       | 107               |          |          |          | -        |          | _  |          |          | -              |
|       | 109               | _        |          |          |          |          |  |          |          | —              |
|       | 110               |          | Н        |          |          |          |  |          | _        | $\dashv$       |
|       | 111               |          |          |          |          |          |  |          |          | $\neg$         |
|       | 112               |          |          |          |          |          |  |          |          |                |
|       | 113               |          |          |          |          |          |  |          |          |                |
|       | 113<br>114<br>115 |          |          |          |          |          |  |          |          | Ш              |
|       | 115               |          |          |          |          |          |  |          |          | Щ              |
|       | 116<br>117        |          | _        |          | <u> </u> |          | $\vdash$                                     |          |          | $\square$      |
|       | 117               |          |          | _        | <u> </u> |          | <u> </u>                                     |          | _        | $\dashv$       |
|       | 119               | $\vdash$ | -        |          |          |          | $\vdash$                                     | _        | _        | $\dashv$       |
|       | 120               |          |          |          |          |          |  | _        |          | Н              |
|       | 121               |          | $\vdash$ |          | _        |          | $\vdash$                                     |          |          | $\dashv$       |
|       | 121<br>122        |          |          |          |          |          |  |          |          |                |
|       | 123               |          |          |          |          |          |  |          |          |                |
|       | 124<br>125        |          |          |          |          |          |  |          |          |                |
|       | 125               |          |          |          |          |          |  |          |          |                |
|       | 126               |          |          |          | <u> </u> | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$          |          | _        | Ш              |
|       | 127<br>128        |          | $\vdash$ | _        | <u> </u> | _        | _  |          | _        | Н              |
|       | 129               | $\vdash$ | ├        | _        | <u> </u> | Н        | $\vdash$                                     |          | _        |                |
|       | 130               | -        | $\vdash$ |          | ┢        | $\vdash$ |  | -        |          | -              |
|       | 130<br>131        |          | $\vdash$ |          | $\vdash$ | -        | ┢─   |          |          |                |
|       | 132               |          |          |          |          |          | _  |          |          | П              |
|       | 133               |          |          |          |          |          |  |          |          |                |
|       | 134               |          |          |          |          |          |  |          |          |                |
|       | 135               |          |          |          | _        |          |  |          |          | Ш              |
|       | 136               |          | _        | _        | ļ        | <u> </u> |  |          |          | Ш              |
|       | 137               |          |          | -        | ┢        | <u> </u> | -  | _        | _        | Н              |
|       | 138<br>139        |          | $\vdash$ | $\vdash$ |          | ├─       |  | $\vdash$ | <u> </u> | Н              |
|       | 140               |          | $\vdash$ | $\vdash$ | $\vdash$ | ┢        | $\vdash$                                     | ┢        | $\vdash$ | Н              |
|       | 141               |          |          | Н        | $\vdash$ | H        | $\vdash$                                     |          |          | H              |
|       | 142               | П        | T        |          |          |          |  |          |          |                |
|       | 143               |          |          |          |          |          |  |          | ۵        |                |
|       | 144               |          |          |          |          |          |  |          |          |                |
|       | 145               | Ш        | L        |          |          | oxdot    | $oxedsymbol{oxed}$                           |          |          | Ш              |
|       | 146               | $\vdash$ | <u> </u> | L        | $\vdash$ | <u> </u> | $ldsymbol{f eta}$                            | L        | L        | Щ              |
|       | 147               | $\vdash$ | ┡        | $\vdash$ | -        | <u> </u> | $\vdash$                                     | $\vdash$ | $\vdash$ | $\vdash$       |
|       | 148<br>149        | $\vdash$ | ⊢        | H        | $\vdash$ | $\vdash$ | $\vdash$                                     | H        | H        | Н              |
|       | 150               | -        | $\vdash$ | $\vdash$ | -        | ├        | ├  | -        | -        | $\vdash\vdash$ |
|       | 1.50              | L        | Ц        |          |          | Щ.       | Ц  | Ц.       | Ц.       |                |